



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: First Tuesday of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 p.m. in place of the RARS net.
- RARS meets for a monthly dinner on the 2nd Tuesday of each month.

PUBLIC SERVICE

2013 Firecracker 50/100k:
Jul. 4

2013 Velo4yellow: Jul. 20

2013 Cup 'N' Cone Tour: Jul. 27

2013 BikeFest: Aug. 10

2013 MS Bike Ride: Sept. 7-8

Tour d'Orange: TBA

2013 Cycle for Life: Oct. 5

2013 City of Oaks Marathon:
Nov. 3

2013 Makin' Room for Turkey Ride: Nov. 17

To sign up or learn more, visit
http://www.rars.org/public-service/ps_signup.php.

RARS General Meeting

What: SKYWARN Spotter Training by Virginia Enzor, NC4VA, and Nick Petro, WX3H, Warning Coordination Meteorologist

Date: Tuesday, July 2, 2013

Time: Refreshments, 7:00 p.m.; meeting, 7:30 p.m.

Where: RLBC, Inc., 3200 Bush Street, Raleigh, NC

****N.B.: New Location!****



New Meeting Location Beginning in July

Meeting Location to Change in July

Tuesday, July 2, 2013

RLCB – 3200 Bush Street, Raleigh, NC, 7:30 p.m.

By Greg Seamster, KE4PAX

The new meeting location, beginning with the **July 2, 2013**, meeting will be RLCB, Inc. (formerly Raleigh Lions Clinic for the Blind), located at 3200 Bush Street, Raleigh, NC 27609.

This location is convenient to the Raleigh I-440 Beltline. Take the Wake Forest Road exit North and turn right on Navaho Drive across from Denny's Restaurant. Travel four tenths of a mile on Navaho Drive, then turn left on Bush Street. RLCB will be on the right.

It's Time to Renew!

By Greg Seamster KE4PAX

The RARS membership year is July 1- June 30, so it's time to renew! Please continue to support RARS initiatives of Public Service, Education, and Radio Communications. One of the ways to do this is by renewing your RARS membership.

You can view your membership status and **update your data** by accessing the [Member Profile](#) via the [Members Only page](#) at <http://www.rars.org/only.php>.

The club offers several ways to renew your membership.

See **Renewal**, continued on p. 6

RARS Officers

PRESIDENT

Karl Bowman
W4CHX
919.669.6068
w4chx@arrrl.net

VICE PRESIDENT

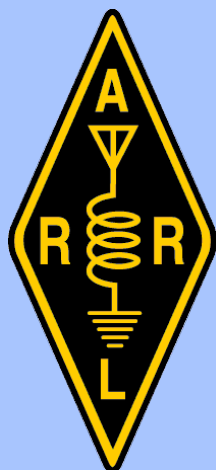
Candy Orr
NC4CJ
919-217-7734
cjorr@bellsouth.net

SECRETARY

Bob Chew
KI4YXM
919.782.5778
rlchew@mindspring.com

TREASURER

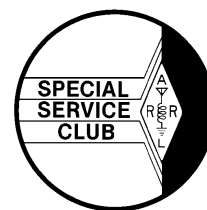
Greg Seamster
KE4PAX
919.859.0029
ke4pax@arrrl.net



The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.



Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website (www.rars.org).

Exciter

The *Exciter* is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The *Exciter* welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's *Exciter* is the third Friday of the preceding month. All submissions must be final. Drafts are not accepted.

The views expressed in the *Exciter* are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Cathy Downs, KA3QPU, editor (editor@rars.org)

For Your Information

RARS General Meeting

Date: First Tuesday of each month

Location: RLCB, Inc.

3200 Bush Street,
Raleigh, NC, 27609 *New Location*

Time: People begin arriving at 7 p.m.

The meeting officially begins at
7:30 p.m.

RARS Monthly Dinner

Join us on the second Tuesday of each month for the RARS dinner. It's open to everyone: RARS members, non-members, friends, and family. Feel free to bring your little ones! Dinner begins at 6:30 p.m.

Listen to the nightly RARS net and check www.rars.org for details on the next dinner's location.

RARS Repeaters in Raleigh

146.640 & 443.625 (88.5 PL)

Join us for the nightly RARS net at 8 p.m. on the 146.640 repeater. All hams holding a Technician class license or higher are invited to check in. We welcome both RARS and non-RARS members to the net.

VE Testing

The RARS VEs will accept walk-in testing at the February, May, August, and November RARS meetings; the RARSFest in April; the Cary Swapfest in July; the JARSFest in November; and following RARS license classes.

Please bring a photo ID, your current license, a copy of your current license, your \$14 exam fee, and any CSCEs you have for credit. Visit www.rars.org for more information.

Message from the President

About 24 hours after NC Maker Faire 2013 concluded, I received an email from Bill Morine, N2COP, our ARRL NC Section Manager, inquiring about how Maker Faire went. Here is my reply:

"Briefly: fantabulous!

In snippets: got there at 9:15 a.m.; K3VSA, W3WZN, AB4OZ, K4MHM, and two others already setting up; others would show up later (list to follow); booth space in center of hall; hung banners (four) from rafters, ARRL on side, OCRA, Triangle ATV, and RARS on other side; banners highly visible throughout the hall; ready to go at opening time, 10 a.m.; had multiple displays—code oscillator, multiple QRP rigs, several paddles, give-away receiver kit from TenTec, very interesting computer-radio-computer setup, lots of brochures courtesy of ARRL, Triangle ATV, and RARS (extra copies going to FD events); lots of people were present; at least three hams to interact with public at all times; lots of out-of-the-woodwork hams (previously licensed; some with call sign on clothing, hats, etc; some incognito); for me, the most interest seemed to come from college-aged students or older individuals (bucket-list goal?); contact list had about 80 names; fun to interact with all the hams who showed up to work the booth (that alone was very valuable); lost my voice toward end of day; tired feet; tear-down went smoothly; Woody finished up securing the site.

Conclusion: let's do it again next year!"

Many thanks to Alan AB4OZ, Murray K4MHM, Dennis NC4DK, Chuck W3WZN, Joanne AK4RJ, Bill AK4BL, Nathan KK4DHD, Steve KJ4BX, and Cliff W4FT for their assistance at

See **President's Message**, continued on p. 4

May Traffic Stats

RARS Two Meter Traffic/Ragchew Net

Check-ins: 525
Traffic: 36/28
Minutes: 490
Sessions: 27

Special Interest Nets

Check-ins: 100
Minutes: 340
Sessions: 8

President's Message, from p. 3

NC Maker Faire 2013, which was held on Saturday, June 15. Hopefully, you will join us at next year's NC Maker Faire!

Six days later, ARRL Field Day 2013 arrived. It was great to see everyone! As always the preparations for setup, operations, and teardown were impressive, but what sticks out in my mind were some of the individual successes that were observed or told to me, including improved operator confidence and skill; breaking through a pile-up; learning how to run; and, making that first CW contact.



The Field Day chairs, Bob W4TTX and Mike WA4BPJ, did a great job organizing the event; and our band captains also did a great job setting up, overseeing, and operating their stations. The donations from area businesses in support of Field Day, and the efforts of David KF4VXJ to secure those donations, are appreciated greatly. On behalf of the club, I thank Beth and Jim Carroll for allowing us to use their property for RARS' Field Day 2103 operations.

Finally, thanks to everyone else—RARS' participation in ARRL Field Day 2013 could not have happened without you!

It is hoped that you have a safe and happy 4th of July celebration!

73, Karl W4CHX

www.rars.org

New RARS Members

Evelyn Voerman	K2ROW
Kevin Corrigan	No license
Gary Buselt	KK4QEA

July Birthdays

Brooks	K4BRX	07/05
Eugene	KD4YJX	07/06
Bill	N1ULP	07/08
Cathy	KA3QPU	07/09
John	AI4RT	07/10
Doug	AD4UL	07/14
Jerry	WA1WHD	07/15
Bob	K4RLC	07/19
Charles	WB4DCM	07/26
Glenn	KS4VA	07/27
William	K4CIA	07/28
Meme	KE4NGM	07/28
Dave	W4YDY	07/29
Scott	KJ4TUC	07/30

Bayleaf Repeater Project...

By Karl Bowman W4CHX, RARS President

On behalf of RARS, I want to thank Cliff W4FT for his leadership on the Bayleaf repeater project and his diligence in arranging for work crews to finish the repeater shack repairs.

While weather forecasts, Maker Faire, and public service have all conspired to delay the repairs, the work still needs to get done. And, help is needed!

Please, please, please...when the next work day is advertised, see if you can make arrangements to help us out.

Thanks for all that you are doing for RARS and our great hobby.

Field Day 2013

Thanks to Nathan Adams, KK4DHD, for sharing his photos of Field Day 2013 with us. To see all of his Field Day pictures, visit <http://www.flickr.com/photos/captainslack/sets/72157634299229083/>.



20 meter antenna



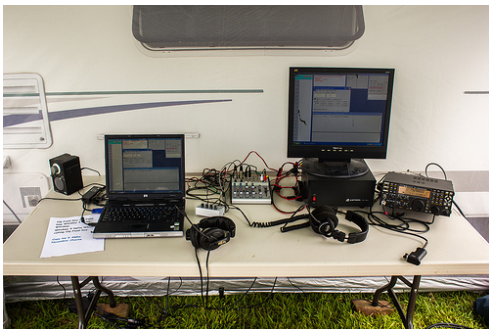
40 meter phone



Get on the Air!



Working PSK31



20 meter base station



80 meter Morse Code

CUSTOM STAMPS

Pictured at right are U.S. postage stamps that Ken AC4RD customized online for overseas direct QSLs. "They cost a bit more than regular postage," Ken says, "but they're certainly different from the usual."

You can create your own stamps at www.stamps.com/welcome/custom/home01/index82.html or www.zazzle.com/custom/stamps. The club neither endorses nor recommends any particular website or company.



Renewal, from p. 1

- Pay your dues at a RARS meeting.
- Mail your dues to the RARS Treasurer at the following address:

RARS
c/o Greg Seamster
1405 Leanne Court
Raleigh, NC 27606

Note: An attached "Membership Form" is not needed unless there are changes to your data.

The **Membership Form** can be downloaded in a PDF format at <http://www.rars.org/rars-app-writable.pdf>

- Pay online at <http://www.rars.org/joinrars.php>. Online payments are made via PayPal and can be done with or without a PayPal account. If you do not have a PayPal account continue by selecting PayPal "Click Here to Pay", then select "Don't have a PayPal account?" to pay with a **Credit Card**.

Thanks! The club's initiatives can continue making a difference in our community with your help!

Dues

Regular: \$18
Reduced (under 12 or over 60): \$12
Associate (not licensed): \$9
Each add'l family member: \$5

**You're welcome to renew for multiple years!*

Events, Hamfests & Conventions

Firecracker Hamfest | Jul. 6

Location: Salisbury, NC

Website: <http://rowanars.org>

Mid-Summer Swapfest | Jul. 20

Location: Cary, NC

Website: <http://www.qsl.net/n4nc/swapfest.html>

WCARS Hamfest | Jul. 27

Location: Waynesville, NC

Website: <http://wcars.org>

15th Annual Cape Fear Amateur Radio Swapfest | Aug. 3

Location: Fayetteville, NC

Website: <http://www.cfarsnc.org>

NC Section Convention (Shelby Hamfest) | Aug. 31

Location: Shelby, NC

Website: <http://www.shelbyhamfest.org>

Maysville Hamfest | Oct. 13

Location: Maysville, NC

Info.: <http://www.arrl.org/hamfests/maysville-hamfest-3>

2014 Charlotte Hamfest | March 7

Location: Concord, NC

Website: <http://www.charlottehamfest.org>

2014 Raleigh Hamfest | Apr. 19

Location: Raleigh, NC

Website: <http://www.rars.org/hamfest>

Minutes

Board of Directors Meeting Raleigh Amateur Radio Society May 21, 2013

Present: Karl W4CHX, Bob K4YXM, Greg KE4PAX, Don WA4AVU, Chuck K4HF, Ken WA4JJW, Murray K4MHM, John AI4RT, Bob W4TTX, Chuck W3WZN

Apologies: CJ NC4CJ

Guests: David KF4VXJ

1. **Call to order (Karl W4CHX):** Karl W4CHX called the meeting to order at 7:07 p.m.
2. **Approval of minutes (Karl W4CHX):** The Minutes of the previous Board Meeting (April 16, 2013) were approved with corrections.
3. **Vice President's report (CJ NC4CJ):** No Report.
4. **Treasurer's report (Greg KE4PAX):** RARS currently has 331 members. If any RARS member has questions regarding the budget, please contact Greg KE4PAX or Karl W4CHX for more information.
5. **Secretary's report (Bob KI4YXM):** No report.
6. **Committee reports:**
 - a. **Public Service Director (John AI4RT):** Reviewed the many upcoming events. We need to get younger/ newer hams involved. Several ways to encourage more participation in public service were discussed. One suggestion was to give "golf shirts" to participants with a specific number of stars as noted on the website.
 - b. **Public Information Officer (Ken WA4JJW):** Passed out copies of RARS brochure for NC Maker Faire 2013. These brochures are finalized, printed and available.
 - c. **Education Director (Murray K4MHM):**
 1. Murray K4MHM reviewed his actions to try and develop a cooperative effort between RARS and Boy Scouts/Girl Scouts. There was also extended discussion about how RARS can increase BSA participation.
 2. Murray also reviewed plans for licensing courses. He is considering a Sept. 2013 course at NCSU to help populate the club there.
 3. The process we use to make a donation to Commercial Space Club at NCSU is still in process.
 - d. **Field Day Chair (Bob W4TTX):** Field Day flyer is available on the web site. Bob will meet to finalize Red Cross participation. The education session will be on easy to build home brew antennas. David KF4VXJ is starting to "score" some donations from Wal-Mart, Pepsi, and others.
 - e. **FM Repeater Chair (Karl W4CHX):** Karl W4CHX is grateful to Cliff Broughton and Chuck de Court for their work and assistance with the repeaters. Chuck presented a summary of expenses to date for equipment, material, and services to date. The board decided which expenses were capital expenses and ongoing maintenance expenses. The Controllers are at Danny's who has a "full plate".

- f. **RARSFest Chair (John AI4RT):** No report.
- g. **Exciter Chair (Cathy KA3QPU):** Please send articles.
- h. **Hospitality Chair (Charles WB4DCM):** No report
- i. **Net Manager (Mary KG4OQA):** No report. It was noted that Mary was a major prize winner at Dayton.
- j. **ARRL Liaison (Chuck K4HF):** Watch ARRL newsletter.
- k. **At-Large Director (Don WA4AVU):** No report.
- l. **At-Large Director (Jack N6UYB):** No report. Karl W4CHX asked everyone to keep Jack N6UYB in their thoughts and prayers. Give him a call if you can.
- m. **At-Large Director (Bill AK4BL):** No report.
- n. **W4DW/W4RNC Trustee (Jeff AC4ZO):** No report.
- o. **RARS VE Coordinators (Joe WA4GIR and Liz KO4CK):** No report.
- p. **RARS Webmaster (Hank K4HM):** No report.

7. **Old business:**

- a. **RARS Budget for 2013-2014 (Greg KE4PAX):** Greg review updates to the proposed budget for 2013-2014. Continued repeater work will generate a (\$3K) budget deficit next year. We anticipate this will be \$1K in the future. We will have to consider a dues increase to cover this deficit. The board voted to present this budget to the membership for approval at the next meeting.
- b. **New location for all RARS Meetings (Greg KE4PAX):** Greg KE4PAX moved “That board meetings and general meetings be moved to the RLCB building.” Ken WA4JJW seconded. The motion passed without descent.

8. **New business:**

- a. **NC Maker Faire 2013 (Karl W4CHX):** RARS needs three people to support this. Karl W4CHX, Chuck W3WZN and Murray K4MHM volunteered.
 - b. **Liability insurance for RARS (Greg KE4PAX):** Has been renewed. Now have equipment list for insurance. Officer and director insurance is an open question. Charles S. is investigating and will make a recommendation.
9. **Any other business:** Apex history celebration and festival has asked us to participate. Karl will refer them to Southern Wake club as the board felt that was a better “fit.”

10. **Board members’ comments:** None

11. **Adjournment (Karl W4CHX):** The meeting was adjourned at 8:44 p.m.



Minutes

General Membership Meeting Raleigh Amateur Radio Society June 4, 2013

1. **Call to order:** Karl W4CHX called the meeting to order at approximately 7:30 p.m. There were 51 individuals in attendance.
2. **Approval of minutes:** The Minutes of the RARS General Membership meeting on May 7, 2013, were approved.
3. **Vice President's report (CJ NC4CJ):** In the absence of John AI4RT, CJ spoke about the need for public service volunteers, especially the MSfits Ice Cream Ride June 15. There upcoming events on July 4, July 20, and July 27. Please check the RARS web site for additional events.
4. **Treasurer's report (Greg KE4PAX):** Greg KE4PAX reported that RARS has 331 members. If any RARS member has any questions, please contact Greg KE4PAX or Karl W4CHX for further information.
5. **Announcements (Karl W4CHX):**
 - a. **Upcoming RARS events and hamfests:** Karl W4CHX reminded everyone to see the *Exciter* or the ARRL website for further information.
 - b. **New meeting location:** Effective July 1, 2013, RARS will be holding its General Membership and Board of Directors meetings at a new location: RLCB, Inc. (formerly Raleigh Lions Clinic for the Blind), 3200 Bush Street, Raleigh, NC 27609.

RARS thanks the First Alliance Church for allowing us to meet at their gathering place for the past several years. The Church is re-assessing the overall plan for use of their facilities, and has asked organizations that are not central to their mission to find new meeting locations.
 - c. **Maker Faire NC 2013:** Maker Faire NC 2013 will be held on Saturday, June 15th, at the NC State Fairgrounds, Kerr Scott Building, from 10:00 AM to 6:00 PM. Karl W4CHX commented that the do-it-yourself spirit of ham radio should fit in well at Maker Faire NC 2013; and hopefully, new participants will be attracted to amateur radio.

It was reported that six individuals have already met to discuss plans for Maker Faire NC 2013, including Woody Woodward, K3VSA, the ARRL NC Section Public Information Coordinator, and RARS club members, Alan AB4OZ, Dennis NC4DK, Murray K4MHM, Chuck W3WZN, and Karl W4CHX. Woody K3VSA told us that large crowds, non-stop talking with the attendees, little space to display or demonstrate items, and a noisy environment—voices and QRM—can be expected.

Items that could be displayed or demonstrated were discussed, including: QRP radios (“tuna can projects,” kit-built radios, etc.) and code oscillators; a binary clock; RC airplane; and possibly, VHF/UHF communications with Echolink (or similar) and/or ATV reception. Club banners will be displayed, brochures will be distributed, and for former hams, information on re-licensing and club activities will be provided.

Karl W4CHX asked anyone interested in getting involved with Maker Faire NC 2013 to contact him via email at w4chx@arrl.net.

- d. **After-meeting gathering:** The after-meeting gathering will be held at Applebee's, Six Forks and Wake Forest Roads (by the Costco).
- e. **Guests:** There were no guests at the meeting.
6. **Reports from RARS Board members and others:**
 - a. **FM Repeater Chair's report (Karl W4CHX):** Karl reviewed status of the repeater upgrades. All equipment is on hand, and we are waiting on Danny Hampton to complete his work so we can begin installation. There are two UPS on hand; a third will be needed. Karl expressed his thanks to Chuck W3WZN, Cliff W4FT, and Dan W3WDD for their assistance on this project.
 - b. **RARS Budget for 2012-2014 (Greg KE4PAX):** Greg KE4PAX reviewed the proposed budget. Following discussion, it was approved.
7. **Any other business:** None.
8. **Drawing:** The winners of the drawing were: Murray K4MHM, Hank K4HM, and Selene WG4RMT.
9. **Program:** The program, "Field Day 2013," was presented by Bob Starkenburg, W4TTX.
10. **Adjournment:** The meeting was adjourned at 8:35 p.m.

News from Other Clubs

WA4DAN going back to Sable Island, CY0, in October

Reprinted from the April 2013 issue of Ham Chatter, the newsletter for the Brightleaf (NC) ARC

Gary Bartlett, VE1RGB, and BARC Brightleaf Amateur Radio Club member (Greenville), NC, Murray Adams, WA4DAN, are pleased to announce a DXpedition to Sable Island from October 1-11, 2013. Approvals are in hand from Parks Canada and the Canadian Coast Guard.

We have chartered with Maritime Air Charter LTD to provide the Britten Norman Islander aircraft for landing on the beach. The call, CY0P, has been issued for the October DXpedition.

The CY0P (Parks) call was chosen in recognition of the newest National Park in Canada. VE1RGB is a veteran of two previous CY0 DXpeditions and is a top CW contester.



Murray, WA4DAN



Gary, VE1RGB

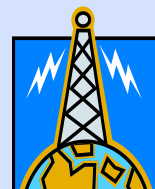
WA4DAN has coordinated two previous CY0 DXpeditions, including the October 2012 DXpedition that was cut short due to Hurricane Sandy. An all band 160-10 meter, CW/SSB/RTTY operation is planned.

South Wake ARC Repeater Problems

From the SWARC mailing list

The Blackjack Repeater, 145.210, experienced a hard receiver failure in June. The 147.105 repeater in Broadway was used briefly as backup. As of June 23, the repeater was returned to service but repairs are temporary; parts are on order to make the final repairs.

The repeater may or may not be reliable because of the temporary nature of the repair, so use at your own risk. Using the repeater in its current state will **not** further damage the repeater, but it could fail without warning. Feel free to use it and enjoy it and hope that it will continue to work until final repairs are made.



RARS Classifieds

RARS Members: [Post](#) a new 30 day listing or [Edit](#) your current listings at www.rars.org/classifieds.php. The items below were listed within the last 30 days.

MAXRAD 2 METER MOBILE ANTENNA, MHB-5800 CHROME COIL SERIES BASE LOADED; 5/8 WAVE; 3DB GAIN

Posted June 17, 2013

by: KD4EWG

Contact: kellybob@earthlink.net

Antenna covers 144-174 MHz; 49 inches tall; 3dB gain with a 6 MHz bandwidth. Great two meter antenna.

This series features a heavy-wall tapered housing, triple plated brass fittings and a matching coil supported by a low-loss coil form. This antenna will maintain the desired resonant frequency through the heaviest shock vibrations, making it the solid choice for most VHF applications.

Fits NMO MOUNT (not included) but I have the gasket.

One owner; I went to dual band radio so this is an extra antenna. Works perfect.

Paid: \$32.00; selling for half price: \$16.00. Southpoint Mall area at I-540 and Hwy 55. Available anytime; I work out of the house. Kelly KD4EWG

Motorola Spectra, repeater book

Posted June 8, 2013

by: W4ZWA

Contact: w4zwa@yahoo.com

UHF Motorola Spectra UHF. Range-3 450-482 MHz but from my understanding can be modify to work in the 440 band. Radio, mic, programming cable included...nothing else. Powers up and display looks fine. Has markings and engraving on the top.

\$50.00

2011-2012 ARRL Repeater Book - Free



LOCAL AMATEUR RADIO NETS

The **Apex Emergency Response Communications Net** meets weekly each Sunday at 9 p.m. on the 146.640 repeater. The purpose of the net is to assist ham radio operators in preparing to respond to emergencies, test their equipment, improve operating skills, pass traffic, and to provide those with a common interest an opportunity to meet. The Apex ERC Net provides amateur radio emergency communications for The Church of Jesus Christ of Latter-Day Saints' disaster relief efforts. All stations are invited to participate in this net.

Please join us on the **Carolina 440 Net** every Monday night at 7:30 p.m. This ragchew net utilizes the Carolina 440 UHF Link Repeater System. Comprised of the Raleigh, Down East, and Coastal Wilmington link systems, there are currently 19 repeaters on the system, covering 21,168 square miles. For a list of these repeaters, please visit www.carolina440.net.

Please join us each Tuesday at 9:15 p.m. on the 146.880 repeater for the **Central Carolina SKYWARN** net. On each net there are announcements, check-ins by county, and often a program or training spot. Check us out at www.centralcarolinaskywarn.net.

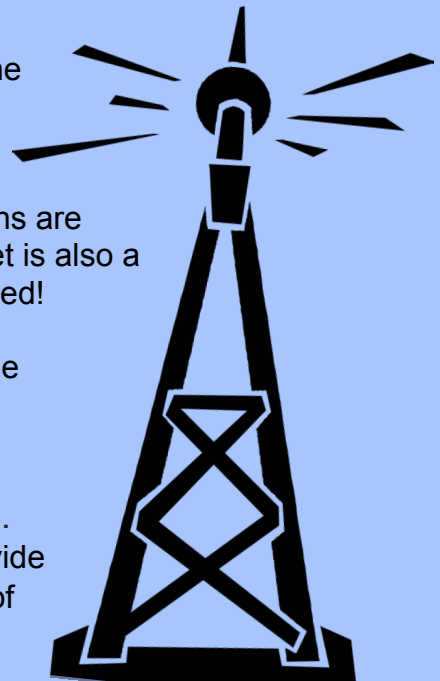
The **PCTN (Piedmont Costal Traffic Net)** meets daily at 9 p.m. on the 146.880 repeater. The purpose of the net is to handle/pass NTS formal messages. Amateur stations are encouraged to check in and participate. The backup repeater is the 147.105 (PL tone 82.5).

The **RARS Technical & Trader's Net** is held on Saturday evenings on the 146.640 repeater at 8:30 p.m.

Join us every evening at 8 p.m. on the 146.640 repeater for the **RARS Two-Meter Net**. You can give a ragchew, check in and out (this counts for our total numbers reported to the ARRL!), make announcements, and pass traffic. We also offer National Traffic System traffic training. All licensed stations are welcome to participate in the net as often as they can. This net is also a great way to learn about amateur radio if you are newly licensed!

The **VOIP Hurricane Net** is held Sundays at 00:00 UTC on the 146.775 repeater with a tone of 88.5 (IRLP node 4260). For information about activation details, go to www.voipwx.net.

The **Wake County ARES Net** meets Thursdays at 9:15 p.m. (after the PCTN TrafficNet) on the 146.88 repeater. We provide discussion and training for the implementation and provision of emergency communications for our served agencies, such as the American Red Cross and the local and state Emergency Operations Center. Please join us. For more information please visit <http://www.wakeares.org>.



Want a By Line?

What's your favorite aspect of amateur radio? SAGing at marathons or bike-a-thons? Moon bounce or APRS? Contests or building projects? How about sharing your interests, knowledge, and experience with RARS in the *Exciter*?

Both technical and non-technical articles are needed for the *Exciter*. You could write up a short piece on your Field Day experience or a more in-depth piece on installing a radio in your new vehicle. We appreciate articles of any length!

To submit an article, just email your piece to the Editor (editor@rars.org). Please feel free to attach any appropriate pictures or graphics. Be sure to include caption information about the images and identify the people in photographs. And always obtain their permission to use their image.



We look forward to learning from each other and broadening our club's knowledge base! Break out those pens, pencils, or keyboards and get writing!

RARS Classifieds

Want to add a new radio to your shack? Have an antenna for sale? Browse the RARS classifieds for new and used radio equipment at <http://rars.org/classifieds.php> or see p. 10 of this newsletter for current listings.

RARS members may post notices about equipment they are selling. Posts last for 30 days and are editable at any time.

Using our classifieds is a great way for buyers to search for available items and for sellers to reach a local, targeted audience.

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